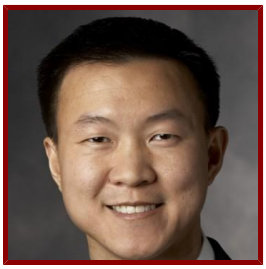
Stanford



George Lui

- Clinical Professor, Medicine - Cardiovascular Medicine
- Clinical Professor, Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine Clinic**
  300 Pasteur Dr Rm A260
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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Nico Cadena
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  Tel 6507231663

Bio

BIO

Dr. Lui earned his medical degree from the Yale University School of Medicine in New Haven, Connecticut, and subsequently completed his combined medicine and pediatric residency training at Harvard University in Boston, Massachusetts. He completed his fellowship in adult cardiology and adult congenital heart disease at Columbia University Medical Center in New York, New York.

Dr. Lui is the Medical Director of The Adult Congenital Heart Program at Stanford, a Lucile Packard Children's Hospital (LPCH) and Stanford Healthcare collaboration. Dr. Lui is also appointed Clinical Professor of Medicine and Pediatrics at Stanford University School of Medicine.

Dr. Lui is a board certified ACHD physician and has gained national recognition for both his clinical work and research. His research interests include management of adults with congenital heart disease, pregnancy and congenital heart disease, adolescent transition to adult care, and echocardiography.

CLINICAL FOCUS

- Adult Congenital Heart Disease
- Echocardiography

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Cardiovascular Medicine
- Clinical Professor, Pediatrics - Cardiology
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Medical Director, The Adult Congenital Heart Program at Stanford, (2013- present)
- Program Director, Adult Congenital Heart Disease Fellowship, (2014-2024)

HONORS AND AWARDS

- M.D. cum laude, Yale University (2002)
- Norma Bailey Berniker Prize, Yale University (2002)
- Outstanding Research Award in Pediatric Cardiology, American Heart Association (2009)
- E. William Hancock Teaching Award in Division of Cardiovascular Medicine, Stanford University (2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Editor, International Journal of Cardiology Congenital Heart Disease (2021 - present)
- Fellow, American Society of Echocardiography (2018 - present)
- Fellow, American College of Cardiology (2012 - present)
- Member, American Heart Association (2010 - present)
- Member, International Society of Adult Congenital Heart Disease (2010 - present)

PROFESSIONAL EDUCATION

- Board Certification: Adult Echocardiography, National Board of Echocardiography (2009)
- Medical Education: Yale School Of Medicine (2002) CT
- Board Certification: Adult Congenital Heart Disease, American Board of Internal Medicine (2015)
- Residency: Brigham and Women's Hospital Harvard Medical School (2006) MA
- Internship: Brigham and Women's Hospital Harvard Medical School (2003) MA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2009)
- Fellowship: Columbia University Medical Center (2009) NY
- Board Certification, Adult Congenital Heart Disease, American Board of Internal Medicine (2015)
- Board Certification, Adult Comprehensive Echocardiography, National Board of Echocardiography (2009)
- Board Certification, Cardiovascular Disease, American Board of Internal Medicine (2009)
- Board Certification, Internal Medicine, American Board of Internal Medicine (2006)
- Fellowship, Columbia University Medical Center (2009)
- Residency, Harvard Combined Internal Medicine and Pediatrics Residency Program (2006)
- M.D., Yale University School of Medicine (2002)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Adult Congenital Heart Disease

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Adult Congenital Heart Disease (Fellowship Program)
- Cardiovascular Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Health Care Utilization in Adults With Congenital Heart Disease: Population-Based Findings.** *Birth defects research*
  Crume, T. L., Khanna, A. D., Tillman, A., Lui, G. K., Soim, A. S., Hsu, D. T., Sommerhalter, K., Sullivan, A., Li, J. S., D Ottavio, A., Book, W. M., Raskind-Hood, C., Whitehead, et al
  2026; 118 (6): e70063

- **Outcomes of Adults with Congenital Heart Disease Undergoing Heart and Heart-Liver Transplantation: A Single-Center Experience.** *The Journal of thoracic and cardiovascular surgery*
  Mullis, D. M., Krishnan, A., Vargas, N. M., Hu, S., Heng, E., Alnasir, D., Berg, A. R., Vu, A., Lui, G. K., Haeffele, C. L., Teuteberg, J. J., Daugherty, T., Gallo, et al
  2026

- **Expanding access and rising complexity: Contemporary early outcomes in heart-liver transplantation for adult congenital heart disease.** *The Journal of thoracic and cardiovascular surgery*
  Berg, A. R., Krishnan, A., Heng, E. E., Hu, S., Mullis, D. M., Vargas, N. M., Vu, A., Garrison, A. C., Alnasir, D. I., Clark, D., Haeffele, C., Lui, G., Teuteberg, et al
  2026; 171 (5): 1090-1100.e3

- **A New Era of Cardiothoracic Transplantation in Adults With Congenital Heart Disease.** *Journal of the American Heart Association*
  Hu, S., Krishnan, A., Mullis, D. M., Heng, E., Elde, S., Garrison, A. C., Alnasir, D., Berg, A. R., Vargas, N. M., Haeffele, C., Lui, G., Woo, Y. J., MacArthur, et al
  2026: e045279

- **Growing Use, Evolving Risk: A Contemporary Profile of Heart-Liver Transplantation**
  Berg, A., Krishnan, A., Heng, E., Hu, S., Mullis, D., Vargas, N., Vu, A., Garrison, A., Alnasir, D., Clark, D., Haeffele, C., Lui, G., Teuteberg, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Association of Global Longitudinal Strain and Long-Term Transplant-Free Survival in Fontan Patients.** *Echocardiography (Mount Kisco, N.Y.)*
  Rösner, A., Diab, S. G., Friedberg, M. K., Lui, G. K.
  2025; 42 (9): e70297

- **Comorbidity and Multimorbidity in Adults With Congenital Heart Disease: Findings From a Multi-Site Population-Based Study.** *Birth defects research*
  Botto, L. D., Reeder, M. R., Lui, G. K., Glidewell, M. J., Book, W. M., Crume, T. L., DeLaRosa, J. M., d'Ottavio, A., Downing, K. F., Feldkamp, M. L., Hsu, D. T., Khanna, A. D., Krikov, et al
  2025; 117 (8): e2515

- **Long-Term Outcomes After Pulmonary Valve Repair for Regurgitation Secondary to Prior Intervention.** *World journal for pediatric & congenital heart surgery*
  Ragheb, D. K., Zhang, Y., Jaggi, A., Maskatia, S. A., Adamson, G. T., Lui, G. K., Martin, E., Ma, M., Hanley, F. L., McElhinney, D. B.
  2025: 21501351241305134

- **Exaggerated Pressure Recovery during Pregnancy: A Multimodal Approach to Assessment of Prosthetic Aortic Stenosis Severity.** *CASE (Philadelphia, Pa.)*
  Connor, B., Takei, M., Woo, J., Conrad, D., Sharma, R., Lui, G.
  2024; 8 (11): 491-495

- **Racial and Ethnic Disparities in Health Care Usage and Death by Neighborhood Poverty Among Individuals With Congenital Heart Defects, 4 US Surveillance Sites, 2011 to 2013.** *Journal of the American Heart Association*
  Raskind-Hood, C. L., Kancherla, V., Ivey, L. C., Rodriguez, F. H., Sullivan, A. M., Lui, G. K., Botto, L., Feldkamp, M., Li, J. S., D'Ottavio, A., Farr, S. L., Glidewell, J., Book, et al
  2024: e033937

- **Mortality and morbidity after combined heart and liver transplantation in the failing Fontan: An updated dual center retrospective study.** *Clinical transplantation*
  Vaikunth, S. S., Ortega-Legaspi, J. M., Conrad, D. R., Chen, S., Daugherty, T., Haeffele, C. L., Teuteberg, J., Mclean, R., MacArthur, J. W., Woo, Y. J., Maeda, K., Ma, M., Nasirov, et al
  2024; 38 (4): e15302

- **Percutaneous Closure of a Ruptured Sinus of Valsalva Aneurysm under Transesophageal Echocardiography Guidance.** *CASE (Philadelphia, Pa.)*
  Li, X. E., McElhinney, D. B., Lui, G. K., Clark, D. E., Woo, J. P.
  2024; 8 (3Part A): 186-192
- **Multimodality Imaging in Management of Adults with Dextro-Transposition of the Great Arteries Post Arterial Switch Operation.** *CASE (Philadelphia, Pa.)*
  Conrad, D. R., Woo, J. P., Lui, G. K., Clark, D. E.
  2024; 8 (3Part A): 162-166
- **Summary of a Consensus Conference on Heart-Liver Transplantation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Kobashigawa, J., VanWagner, L. B., Hall, S., Emamaullee, J., Entwistle, J. W., Ganger, D., Gebel, H., Jeevanandam, V., Kaldas, F., Kilic, A., Kittleson, M., Kushwaha, S., Kwong, et al
  2023
- **COVID-19-Related Thrombotic and Bleeding Events in Adults With Congenital Heart Disease.** *JACC. Advances*
  Fusco, F., Krasuski, R. A., Sadeghi, S., Rosenbaum, M. S., Lewis, M. J., Carazo, M. R., Rodriguez, F. H., Halpern, D. G., Feinberg, J. L., Galilea, F. A., Baraona, F., Cedars, A. M., Ko, et al
  2023; 2 (10): 100701
- **Combined Heart Liver Transplantation in the Patients with Advanced Liver Disease and/or Hepatocellular Carcinoma: Why Can't Liver Pull the Heart?** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Shingina, A., Bansal, N., Cedars, A., Chen, S., Daugherty, T., Emamaullee, J., Ganger, D., Ge, J., Heller, T., Hughes, D., Kay, J., Ortega Legaspi, J., Menachem, et al
  2023
- **Transplant in Single Ventricle Physiology: The Fourth Stage?** *Journal of the American College of Cardiology*
  Hsu, D. T., Lui, G. K.
  2023; 82 (12): 1242-1244
- **Short- and Mid-Term Results of Pulmonary Valve Replacement with the Inspiris Valve.** *The Annals of thoracic surgery*
  Ragheb, D. K., Martin, E., Jaggi, A., Lui, G. K., Maskatia, S. A., Ma, M., Hanley, F. L., McElhinney, D. B.
  2023
- **Improved Right Ventricular Energy Efficiency by 4-Dimensional Flow Magnetic Resonance Imaging After Harmony Valve Implantation.** *JACC. Advances*
  Woo, J. P., Dong, M. L., Kong, F., McElhinney, D. B., Schiavone, N., Chan, F., Lui, G. K., Haddad, F., Bernstein, D., Marsden, A.
  2023; 2 (3)
- **PAPVR - An incidental finding that may not be so benign** *INTERNATIONAL JOURNAL OF CARDIOLOGY CONGENITAL HEART DISEASE*
  Romfh, A., Lui, G. K.
  2023; 11
- **PAPVR - An incidental finding that may not be so benign.** *International journal of cardiology. Congenital heart disease*
  Romfh, A., Lui, G. K.
  2023; 11: 100437
- **First described mitral clip in an adult extracardiac Fontan patient: a case report.** *European heart journal. Case reports*
  Haeffele, C. L., Lui, G. K., Peng, L., Chan, F., Sharma, R. P.
  2023; 7 (1): ytac479
- **Improved Right Ventricular Energy Efficiency by 4-Dimensional Flow Magnetic Resonance Imaging After Harmony Valve Implantation** *JACC:Advances*
  Woo, J. P., Dong, M. L., Kong, F., McElhinney, D. B., Schiavone, N., Chan, F., Lui, G. K., Haddad, F., Bernstein, D., Marsden, A.
  2023; 2 (3)
- **Health Care Usage Among Adolescents With Congenital Heart Defects at 5 Sites in the United States, 2011 to 2013.** *Journal of the American Heart Association*

Lui, G. K., Sommerhalter, K., Xi, Y., Botto, L. D., Crume, T., Farr, S., Feldkamp, M. L., Glidewell, J., Hsu, D., Khanna, A., Krikov, S., Li, J., Raskind-Hood, et al

2022: e026172

- **How Well Do ICD-9-CM Codes Predict True Congenital Heart Defects? A Centers for Disease Control and Prevention-Based Multisite Validation Project.** *Journal of the American Heart Association*

  Rodriguez, F. H., Raskind-Hood, C. L., Hoffman, T., Farr, S. L., Glidewell, J., Li, J. S., D'Ottavio, A., Botto, L., Reeder, M. R., Hsu, D., Lui, G. K., Sullivan, A. M., Book, et al

  2022: e024911

- **Tetralogy of Fallot and Aortic Dissection: Implications in Management.** *JACC. Case reports*

  Vaikunth, S. S., Chan, J. L., Woo, J. P., Bykhovsky, M. R., Lui, G. K., Ma, M., Romfh, A. W., Lamberti, J., Mastrodicasa, D., Fleischmann, D., Fischbein, M. P.

  2022; 4 (10): 581-586

- **Classic pattern dyssynchrony is associated with outcome in patients with Fontan circulation.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*

  Rosner, A., McElhinney, D. B., Diab, S. G., Friedberg, M. K., Lui, G. K.

  2022

- **Fingers in a dike: Systematic approach to coiling of aortopulmonary and venovenous collaterals in the Fontan referred for transplantation** *INTERNATIONAL JOURNAL OF CARDIOLOGY CONGENITAL HEART DISEASE*

  Vaikunth, S. S., Lui, G. K., Kim, Y. Y.

  2021; 6

- **Exercise prescription as medicine** *INTERNATIONAL JOURNAL OF CARDIOLOGY CONGENITAL HEART DISEASE*

  Lui, G. K., Moons, P.

  2021; 5

- **The atrial switch patient with a dilated subpulmonic left ventricle (vol 4,100153, 2021)** *INTERNATIONAL JOURNAL OF CARDIOLOGY CONGENITAL HEART DISEASE*

  Vaikunth, S. S., Haeffele, C., Mcelhinney, D. B., Lui, G. K., Romfh, A. W.

  2021; 5

- **The challenges of an aging Tetralogy of Fallot population.** *Expert review of cardiovascular therapy*

  Woo, J. P., McElhinney, D. B., Lui, G. K.

  2021

- **Durability of Pulmonary Valve Replacement with Large Diameter Stented Porcine Bioprostheses.** *Seminars in thoracic and cardiovascular surgery*

  Maeda, K., Lui, G. K., Zhang, Y., Maskatia, S. A., Romfh, A., Yarlagadda, V. V., Hanley, F. L., McElhinney, D. B.

  2021

- **COVID-19 in Adults With CongenitalHeart Disease.** *Journal of the American College of Cardiology*

  Broberg, C. S., Kovacs, A. H., Sadeghi, S., Rosenbaum, M. S., Lewis, M. J., Carazo, M. R., Rodriguez, F. H., Halpern, D. G., Feinberg, J., Galilea, F. A., Baraona, F., Cedars, A. M., Ko, et al

  2021; 77 (13): 1644–55

- **Access to cardiac surgery centers for cardiac and non-cardiac hospitalizations in adolescents and adults with congenital heart defects- a descriptive case series study.** *American heart journal*

  Insaf, T. Z., Sommerhalter, K. M., Jaff, T. A., Farr, S. L., Downing, K. F., Zaidi, A. N., Lui, G. K., Van Zutphen, A. R.

  2021

- **A 40-Year-Old Man With Tricuspid Atresia, Status Post-Fontan, With Severe COVID-19 Pneumonia and Pneumothorax.** *JACC. Case reports*

  Vaikunth, S. S., Bykhovsky, M. R., Romfh, A. W., Haeffele, C. L., Rogers, I. S., Dong, E., Scribner, C., Lui, G. K.

  2021

- **Race and Genetics in Congenital Heart Disease: Application of iPSCs, Omics, and Machine Learning Technologies.** *Frontiers in cardiovascular medicine*

  Mullen, M. n., Zhang, A. n., Lui, G. K., Romfh, A. W., Rhee, J. W., Wu, J. C.

  2021; 8: 635280

- **The atrial switch patient with a dilated subpulmonic left ventricle** *International Journal of Cardiology Congenital Heart Disease*
  Vaikunth, S. S., Haeffele, C., McElhinney, D. B., Lui, G. K., Romfh, A.
  2021; Volume 4 (100153)

- **Does liver biopsy accurately measure fibrosis in Fontan associated liver disease? A comparison of liver biopsy pre-combined heart and liver transplant and liver explant post-transplant.** *Clinical transplantation*
  Vaikunth, S. S., Higgins, J. P., Concepcion, W., Haeffele, C., Wright, G. E., Chen, S., Lui, G. K., Daugherty, T.
  2020: e14120

- **Inpatient admissions and costs for adolescents and young adults with congenital heart defects in New York, 2009-2013.** *Birth defects research*
  Hsu, W., Sommerhalter, K. M., McGarry, C. E., Farr, S. L., Downing, K. F., Lui, G. K., Zaidi, A. N., Hsu, D. T., Van Zutphen, A. R.
  2020

- **Adult Congenital Heart Disease-Preparing for the Changing Work Force Demand.** *Cardiology clinics*
  Gurvitz, M., Lui, G. K., Marelli, A.
  2020; 38 (3): 283–94

- **Health Care Transition Perceptions Among Parents of Adolescents with Congenital Heart Defects in Georgia and New York.** *Pediatric cardiology*
  Gaydos, L. M., Sommerhalter, K., Raskind-Hood, C., Fapo, O., Lui, G., Hsu, D., Van Zutphen, A., Glidewell, J., Farr, S., Rodriguez, F. H., Hoffman, T., Book, W.
  2020

- **Proximity to risk-appropriate perinatal hospitals for pregnant women with congenital heart defects in New York state.** *BMC pregnancy and childbirth*
  Schlichting, L. E., Insaf, T., Lui, G., Zaidi, A., Van Zutphen, A.
  2020; 20 (1): 338

- **ACC/AHA/ASE/HRS/ISACHD/SCAI/SCCT/SCMR/SOPE 2020 Appropriate Use Criteria for Multimodality Imaging During the Follow-Up Care of Patients With Congenital Heart Disease** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Sachdeva, R., Valente, A., Armstrong, A. K., Cook, S. C., Han, B., Lopez, L., Lui, G. K., Pickard, S. S., Powell, A. J., Bhave, N. M., Pickard, S. S., Baffa, J. M., Banka, et al
  2020; 75 (6): 657–703

- **Sex differences in patients with repaired tetralogy of Fallot support a tailored approach for males and females: a cardiac magnetic resonance study.** *The international journal of cardiovascular imaging*
  Hagdorn, Q. A., Beurskens, N. E., Gorter, T. M., Eshuis, G. n., Hillege, H. L., Lui, G. K., Ceresnak, S. R., Chan, F. P., van Melle, J. P., Berger, R. M., Willems, T. P.
  2020

- **Predicting 10-year mortality in adults with congenital heart disease** *International Journal of Cardiology Congenital Heart Disease*
  Fernandes, S. M., Lui, G. K., Long, J., Lin, A., Rogers, I. S., Sillman, C., Romfh, A., Dade, T., Dong, E., Haeffele, C., Scribner, C., Major, M., McElhinney, et al
  2020

- **RNA Sequencing Analysis of Induced Pluripotent Stem Cell-Derived Cardiomyocytes from Congenital Heart Disease Patients.** *Circulation research*
  Kitani, T. n., Tian, L. n., Zhang, T. n., Itzhaki, I. n., Zhang, J. Z., Ma, N. n., Liu, C. n., Rhee, J. W., Romfh, A. n., Lui, G. K., Wu, J. C.
  2020

- **The Hidden Victims of the COVID-19 Pandemic: Congenital Heart Disease Patients.** *JACC. Case reports*
  El-Saiedi, S. A., Haeffele, C. n., Hanna, B. M., Lui, G. K.
  2020; 2 (9): 1411–13

- **Adults With Mild-to-Moderate Congenital Heart Disease Demonstrate Measurable Neurocognitive Deficits.** *Journal of the American Heart Association*
  Perrotta, M. L., Saha, P. n., Zawadzki, R. n., Beidelman, M. n., Ingelsson, E. n., Lui, G. K., Priest, J. R.
  2020: e015379

- **Characteristics of Adults With Congenital Heart Defects in the United States.** *Journal of the American College of Cardiology*

Gurvitz, M. n., Dunn, J. E., Bhatt, A. n., Book, W. M., Glidewell, J. n., Hogue, C. n., Lin, A. E., Lui, G. n., McGarry, C. n., Raskind-Hood, C. n., Van Zutphen, A. n., Zaidi, A. n., Jenkins, et al

2020; 76 (2): 175–82

- **Assessing Pregnancy, Gestational Complications, and Co-morbidities in Women With Congenital Heart Defects (Data from ICD-9-CM Codes in 3 US Surveillance Sites).** *The American journal of cardiology*

  Raskind-Hood, C., Saraf, A., Riehle-Colarusso, T., Glidewell, J., Gurvitz, M., Dunn, J. E., Lui, G. K., Van Zutphen, A., McGarry, C., Hogue, C. J., Hoffman, T., Rodriguez Iii, F. H., Book, et al

  2019

- **Secondary repair of incompetent pulmonary valves after previous surgery or intervention: Patient selection and outcomes.** *The Journal of thoracic and cardiovascular surgery*

  Adamson, G. T., McElhinney, D. B., Lui, G., Meadows, A. K., Rigdon, J., Hanley, F. L., Maskatia, S. A.

  2019

- **2019 ACC/AHA/ASE Advanced Training Statement on Echocardiography (Revision of the 2003 ACC/AHA Clinical Competence Statement on Echocardiography): A Report of the ACC Competency Management Committee** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*

  Wiegers, S. E., Ryan, T., Arrighi, J. A., Brown, S. M., Canaday, B., Damp, J. B., Diaz-Gomez, J. L., Figueredo, V. M., Garcia, M. J., Gillam, L. D., Griffin, B. P., Kirkpatrick, J. N., Klarich, et al

  2019; 32 (8): 919-+

- **2019 ACC/AHA/ASE advanced training statement on echocardiography (revision of the 2003 ACC/AHA clinical competence statement on echocardiography) A Report of the ACC Competency Management Committee** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*

  Wiegers, S. E., Ryan, T., Arrighi, J. A., Brown, S. M., Canaday, B., Damp, J. B., Diaz-Gomez, J. L., Figueredo, V. M., Garcia, M. J., Gillam, L. D., Griffin, B. P., Kirkpatrick, J. N., Klarich, et al

  2019

- **Surveillance of Congenital Heart Defects among Adolescents at Three US Sites** *AMERICAN JOURNAL OF CARDIOLOGY*

  Lui, G. K., McGarry, C., Bhatt, A., Book, W., Riehle-Colarusso, T. J., Dunn, J. E., Glidewell, J., Gurvitz, M., Hoffman, T., Hogue, C. J., Hsu, D., Obenhaus, S., Raskind-Hood, et al

  2019; 124 (1): 137–43

- **2019 ACC/AHA/ASE Advanced Training Statement on Echocardiography (Revision of the 2003 ACC/AHA Clinical Competence Statement on Echocardiography): A Report of the ACC Competency Management Committee** *CIRCULATION-CARDIOVASCULAR IMAGING*

  Wiegers, S. E., Ryan, T., Arrighi, J. A., Brown, S. M., Canaday, B., Damp, J. B., Diaz-Gomez, J. L., Figueredo, V. M., Garcia, M. J., Gillam, L. D., Griffin, B. P., Kirkpatrick, J. N., Klarich, et al

  2019; 12 (7)

- **Short-term outcomes of en bloc combined heart and liver transplantation in the failing Fontan** *CLINICAL TRANSPLANTATION*

  Vaikunth, S. S., Concepcion, W., Daugherty, T., Fowler, M., Lutchman, G., Maeda, K., Rosenthal, D. N., Teuteberg, J., Woo, Y., Lui, G. K.

  2019; 33 (6)

- **Maternal Comorbidities and Complications of Delivery in Pregnant Women With Congenital Heart Disease** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

  Schlichting, L. E., Insaf, T. Z., Zaidi, A. N., Lui, G. K., Van Zutphen, A. R.

  2019; 73 (17): 2181–91

- **Extended cardiac ambulatory rhythm monitoring in adults with congenital heart disease: Arrhythmia detection and impact of extended monitoring** *CONGENITAL HEART DISEASE*

  Schultz, K. E., Lui, G. K., McElhinney, D. B., Long, J., Balasubramanian, V., Sakarovitch, C., Fernandes, S. M., Dubin, A. M., Rogers, I. S., Romfh, A. W., Motonaga, K. S., Viswanathan, M. N., Ceresnak, et al

  2019; 14 (3): 410–18

- **Echocardiographic Evaluation of Patients Undergoing Transcatheter Tricuspid Valve-In-Valve Replacement** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*

  Tompkins, R., Kelle, A. M., Cabalka, A. K., Lui, G. K., Aboulhosn, J., Dvir, D., McElhinney, D. B., VIVID Registry

  2019; 32 (5): 616–23

- **Substantial Cardiovascular Morbidity in Adults With Lower-Complexity Congenital Heart Disease** *CIRCULATION*

Saha, P., Potiny, P., Rigdon, J., Morello, M., Tcheandjieu, C., Romfh, A., Fernandes, S. M., McElhinney, D. B., Bernstein, D., Lui, G. K., Shaw, G. M., Ingelsson, E., Priest, et al
2019; 139 (16): 1889–99

- **Repair of Untreated Older Patients With Tetralogy of Fallot With Major Aortopulmonary Collaterals** *ANNALS OF THORACIC SURGERY*
  Vaikunth, S. S., Bauser-Heaton, H., Lui, G. K., Wise-Faberowski, L., Chan, F. P., Asija, R., Hanley, F. L., McElhinney, D. B.
  2019; 107 (4): 1218–25

- **NEUROCOGNITIVE DEFICITS IN ADULT CONGENITAL HEART DISEASE: DOES CORONARY ARTERY DISEASE ADD INSULT TO INJURY?**
  Morello, M. L., Beidelman, M., Saha, P., Ingelsson, E., Shaw, G., Lui, G., Priest, J.
  ELSEVIER SCIENCE INC.2019: 566

- **Transcatheter redirection of hepatic venous blood to treat unilateral pulmonary arteriovenous malformations in a Fontan circulation by short-term total exclusion of the unaffected lung** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
  Adamson, G. T., Peng, L. F., Lui, G. K., Perry, S. B.
  2019; 93 (4): 660–63

- **Predicting acquired cardiovascular disease in adults with congenital heart disease is risky business** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
  Lui, G. K., Bhatt, A. B.
  2019; 277: 106–7

- **Guidelines for Performing a Comprehensive Transesophageal Echocardiographic Examination in Children and All Patients with Congenital Heart Disease: Recommendations from the American Society of Echocardiography** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
  Puchalski, M. D., Lui, G. K., Miller-Hance, W. C., Brook, M. M., Young, L. T., Bhat, A., Roberson, D. A., Mercer-Rosa, L., Miller, O. I., Parra, D. A., Burch, T., Carron, H. D., Wong, et al
  2019; 32 (2): 173–215

- **Heart failure with reduced and preserved ejection fraction in adult congenital heart disease.** *Heart failure reviews*
  Vaikunth, S. S., Lui, G. K.
  2019

- **Fontan Liver Lesions: Not Always HCC.** *JACC. Case reports*
  Haeffele, C., Aggarwal, A., Lutchman, G., Veldtman, G. R., Wu, F. M., Lui, G. K.
  2019; 1 (2): 175-178

- **Commentary: Risk prediction model on adult congenital heart surgery. And more….** *The Journal of thoracic and cardiovascular surgery*
  Maeda, K. n., Lui, G. K.
  2019

- **Surgical Repair of Ebstein's Anomaly Utilizing A Bicuspidization Approach.** *The Annals of thoracic surgery*
  Mainwaring, R. D., Rosenblatt, T. R., Lui, G. K., Ma, M. n., Hanley, F. L.
  2019

- **Risk of cardiac tachyarrhythmia in patients with repaired tetralogy of Fallot: a multicenter cardiac MRI based study** *INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING*
  Beurskens, N. E. G., Hagdorn, Q. A. J., Gorter, T. M., Berger, R. M. F., Vermeulen, K. M., van Melle, J. P., Ebels, T. E., Lui, G. K., Ceresnak, S. R., Chan, F. P., Willems, T. P.
  2019; 35 (1): 143–51

- **Transcatheter redirection of hepatic venous blood to treat unilateral pulmonary arteriovenous malformations in a Fontan circulation by short-term total exclusion of the unaffected lung.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*
  Adamson, G. T., Peng, L. F., Lui, G. K., Perry, S. B.
  2019

- **Guidelines for Performing a Comprehensive Transesophageal Echocardiographic: Examination in Children and All Patients with Congenital Heart Disease: Recommendations from the American Society of Echocardiography.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*
  Puchalski, M. D., Lui, G. K., Miller-Hance, W. C., Brook, M. M., Young, L. T., Bhat, A., Roberson, D. A., Mercer-Rosa, L., Miller, O. I., Parra, D. A., Burch, T., Carron, H. D., Wong, et al

2018

- **Repair of Untreated Older Patients with Tetralogy of Fallot with Major Aortopulmonary Collaterals.** *The Annals of thoracic surgery*
  Vaikunth, S., Bauser-Heaton, H., Lui, G. K., Wise-Faberowski, L., Chan, F. P., Asija, R., Hanley, F. L., McElhinney, D. B.
  2018

- **Ventricular mechanics in adolescent and adult patients with a Fontan circulation: Relation to geometry and wall stress** *ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*
  Rosner, A., Khalapyan, T., Pedrosa, J., Dalen, H., McElhinney, D. B., Friedberg, M. K., Lui, G. K.
  2018; 35 (12): 2035–46

- **Population-based surveillance of congenital heart defects among adolescents and adults: surveillance methodology** *BIRTH DEFECTS RESEARCH*
  Glidewell, J., Book, W., Raskind-Hood, C., Hogue, C., Dunn, J. E., Gurvitz, M., Ozonoff, A., McGarry, C., Van Zutphen, A., Lui, G., Downing, K., Riehle-Colarusso, T.
  2018; 110 (19): 1395–1403

- **Secondary Repair of Incompetent Pulmonary Valves After Prior Surgery or Intervention: Patient Selection and Outcomes**
  Adamson, G. T., McElhinney, D. B., Lui, G., Meadows, A. K., Hanley, F. L., Maskatia, S. A.
  LIPPINCOTT WILLIAMS & WILKINS.2018

- **Introducing Advance Care Planning Into the Transition Process: The ACHD Patient Perspective**
  Edwards, L. A., Hansen, K., Sillman, C., Dong, E., Scribner, C., Romfh, A., Lui, G. K., Fernandes, S. M.
  LIPPINCOTT WILLIAMS & WILKINS.2018

- **Ventricular mechanics in adolescent and adult patients with a Fontan circulation: Relation to geometry and wall stress.** *Echocardiography (Mount Kisco, N.Y.)*
  Rosner, A., Khalapyan, T., Pedrosa, J., Dalen, H., McElhinney, D. B., Friedberg, M. K., Lui, G. K.
  2018

- **Predicting acquired cardiovascular disease in adults with congenital heart disease is risky business.** *International journal of cardiology*
  Lui, G. K., Bhatt, A. B.
  2018

- **Applying current normative data to prognosis in heart failure: The Fitness Registry and the Importance of Exercise National Database (FRIEND)** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
  Moneghetti, K. J., Hock, J., Kaminsky, L., Arena, R., Lui, G. K., Haddad, F., Wheeler, M., Froelicher, V., Ashley, E., Myers, J., Christle, J. W.
  2018; 263: 75–79

- **Classic-Pattern Dyssynchrony in Adolescents and Adults With a Fontan Circulation.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*
  Rösner, A. n., Khalapyan, T. n., Dalen, H. n., McElhinney, D. B., Friedberg, M. K., Lui, G. K.
  2018; 31 (2): 211–19

- **Population-based surveillance of congenital heart defects among adolescents and adults: surveillance methodology.** *Birth defects research*
  Glidewell, J. n., Book, W. n., Raskind-Hood, C. n., Hogue, C. n., Dunn, J. E., Gurvitz, M. n., Ozonoff, A. n., McGarry, C. n., Van Zutphen, A. n., Lui, G. n., Downing, K. n., Riehle-Colarusso, T. n.
  2018

- **Diagnosis and Management of Noncardiac Complications in Adults With Congenital Heart Disease: A Scientific Statement From the American Heart Association.** *Circulation*
  Lui, G. K., Saidi, A., Bhatt, A. B., Burchill, L. J., Deen, J. F., Earing, M. G., Gewitz, M., Ginns, J., Kay, J. D., Kim, Y. Y., Kovacs, A. H., Krieger, E. V., Wu, et al
  2017

- **Risk Estimates for Atherosclerotic Cardiovascular Disease in Adults With Congenital Heart Disease** *AMERICAN JOURNAL OF CARDIOLOGY*
  Lui, G. K., Rogers, I. S., Ding, V. Y., Hedlin, H. K., MacMillen, K., Maron, D. J., Sillman, C., Romfh, A., Dade, T. C., Haeffele, C., Grady, S. R., McElhinney, D. B., Murphy, et al
  2017; 119 (1): 112-118

- **An Analysis of Left Ventricular Retraining in Patients With Dextro- and Levo-Transposition of the Great Arteries.** *The Annals of thoracic surgery*
  Mainwaring, R. D., Patrick, W. L., Ibrahimiye, A. N., Watanabe, N. n., Lui, G. K., Hanley, F. L.
  2017
- **Proximity to Pediatric Cardiac Surgical Care among Adolescents with Congenital Heart Defects in 11 New York Counties.** *Birth defects research*
  Sommerhalter, K. M., Insaf, T. Z., Akkaya-Hocagil, T. n., McGarry, C. E., Farr, S. L., Downing, K. F., Lui, G. K., Zaidi, A. N., Van Zutphen, A. R.
  2017; 109 (18): 1494–1503
- **UTILIZATION OF SPECIALTY CARE CENTERS IN CALIFORNIA FOR LABOR AND DELIVERY IN WOMEN WITH CONGENITAL HEART DISEASE**
  Haeffele, C., Lui, G., Saynina, O., Grady, S., Chamberlain, L., Fernandes, S.
  ELSEVIER SCIENCE INC.2016: 950
- **Dextro-Transposition of the Great Arteries Long-term Sequelae of Atrial and Arterial Switch** *CARDIOLOGY CLINICS*
  Haeffele, C., Lui, G. K.
  2015; 33 (4): 543-?
- **A Rapid, High-Quality, Cost-Effective, Comprehensive and Expandable Targeted Next-Generation Sequencing Assay for Inherited Heart Diseases.** *Circulation research*
  Wilson, K. D., Shen, P., Fung, E., Karakikes, I., Zhang, A., Inanloorahatloo, K., Odegaard, J., Sallam, K., Davis, R. W., Lui, G. K., Ashley, E. A., Scharfe, C., Wu, et al
  2015; 117 (7): 603-611
- **Predicting Outcomes Using the Heart Failure Survival Score in Adults with Moderate or Complex Congenital Heart Disease.** *Congenital heart disease*
  Lin, E. Y., Cohen, H. W., Bhatt, A. B., Stefanescu, A., Dudzinski, D., DeFaria Yeh, D., Johnson, J., Lui, G. K.
  2015; 10 (5): 387-395
- **Heart Murmur and Physical Examination in Athletes with a Focus on Congenital Heart Disease** *CURRENT SPORTS MEDICINE REPORTS*
  Lui, G. K., Al Sindi, F., Bhatt, A. B.
  2015; 14 (3): 263-265
- **Left Ventricular Retraining and Late Arterial Switch for D-Transposition of the Great Arteries** *ANNALS OF THORACIC SURGERY*
  Watanabe, N., Mainwaring, R. D., Carrillo, S. A., Lui, G. K., Reddy, V. M., Hanley, F. L.
  2015; 99 (5): 1655-1663
- **Management of Cardiovascular Risk Factors in Adults With Congenital Heart Disease** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
  Lui, G. K., Fernandes, S., McElhinney, D. B.
  2014; 3 (6)
- **Usefulness of the Seattle Heart Failure Model to Identify Adults With Congenital Heart Disease at High Risk of Poor Outcome** *AMERICAN JOURNAL OF CARDIOLOGY*
  Stefanescu, A., Macklin, E. A., Lin, E., Dudzinski, D. M., Johnson, J., Kennedy, K. F., Jacoby, D., Yeh, D. D., Lewis, G. D., Yeh, R. W., Liberthson, R., Lui, G., Bhatt, et al
  2014; 113 (5): 865-870
- **Anti-thrombotic strategies in the third trimester of pregnancy: A case of spontaneous coronary dissection requiring emergent PCI** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
  Paruchuri, V., Hafiz, A. M., Gubernikoff, G., De Leon, J., Lui, G., Naidu, S. S., Di Biase, L.
  2013; 167 (1): E22-E25
- **Caring for the Adult with Congenital Heart Disease in an Adult Catheterization Laboratory by Pediatric InterventionalistsSafety and Efficacy** *CONGENITAL HEART DISEASE*
  Sutton, N. J., Greenberg, M. A., Menegus, M. A., Lui, G., Pass, R. H.
  2013; 8 (2): 111-116
- **Left and Right Ventricular Diastolic Function in Adults With Surgically Repaired Tetralogy of Fallot: A Multi-Institutional Study.** *The Canadian journal of cardiology*

Aboulhosn, J. A., Lluri, G., Gurvitz, M. Z., Khairy, P., Mongeon, F. P., Kay, J., Valente, A. M., Earing, M. G., Opotowsky, A. R., Lui, G., Gersony, D. R., Cook, S., Child, et al

2013

- **Aortic Root Dilatation in Adults with Surgically Repaired Tetralogy of Fallot A Multicenter Cross-Sectional Study** *CIRCULATION*

  Mongeon, F., Gurvitz, M. Z., Broberg, C. S., Aboulhosn, J., Opotowsky, A. R., Kay, J. D., Valente, A. M., Earing, M. G., Lui, G. K., Fernandes, S. M., Gersony, D. R., Cook, S. C., Ting, et al

  2013; 127 (2): 172-?

- **Not All Obstructive Cardiac Lesions Are Created Equal: Double-Chamber Right Ventricle In Pregnancy** *ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*

  Murthy, S., Lui, G., Raiszadeh, F., Boxt, L., Taub, C.

  2012; 29 (8): E197-E200

- **Making Complex Adult Congenital Heart Disease a Little Simpler** *SEMINARS IN ROENTGENOLOGY*

  Zwany, S. K., Lui, G. K., Scheinfeld, M. H., Levsky, J. M.

  2012; 47 (3): 289-301

- **Prevalence of Left Ventricular Systolic Dysfunction in Adults With Repaired Tetralogy of Fallot** *AMERICAN JOURNAL OF CARDIOLOGY*

  Broberg, C. S., Aboulhosn, J., Mongeon, F., Kay, J., Valente, A. M., Khairy, P., Earing, M. G., Opotowsky, A. R., Lui, G., Gersony, D. R., Cook, S., Ting, J. G., Webb, et al

  2011; 107 (8): 1215-1220

- **Heart Rate Response During Exercise and Pregnancy Outcome in Women With Congenital Heart Disease** *CIRCULATION*

  Lui, G. K., Silversides, C. K., Khairy, P., Fernandes, S. M., Valente, A. M., Nickolaus, M. J., Earing, M. G., AboulHosn, J. A., Rosenbaum, M. S., Cook, S., Kay, J. D., Jin, Z., Gersony, et al

  2011; 123 (3): 242-248

- **Arrhythmia Burden in Adults With Surgically Repaired Tetralogy of Fallot A Multi-Institutional Study** *CIRCULATION*

  Khairy, P., Aboulhosn, J., Gurvitz, M. Z., Opotowsky, A. R., Mongeon, F., Kay, J., Valente, A. M., Earing, M. G., Lui, G., Gersony, D. R., Cook, S., Ting, J. G., Nickolaus, et al

  2010; 122 (9): 868-875

- **The CALF (Congenital Heart Disease in Adults Lower Extremity Systemic Venous Health in Fontan Patients) Study** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

  Valente, A. M., Bhatt, A. B., Cook, S., Earing, M. G., Gersony, D. R., Aboulhosn, J., Opotowsky, A. R., Lui, G., Gurvitz, M., Graham, D., Fernandes, S. M., Khairy, P., Webb, et al

  2010; 56 (2): 144-150